

Appln No.: 09/601,644

Amendment Dated: March 3, 2005

Reply to Office Action of December 3, 2004

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**MAR 03 2005**

**Amendments to the Specification:**

On Page 18, please replace Table 1 with a new Table as follows:

Clone	Loop 1	Loop 2	Mutation Rate
Wild-type	AAT GAT GAC GAT ACC N D D D T Seq ID No 5 Seq ID No 7	TTT ACC AAC AGA F T N R Seq ID No 6 Seq ID No 8	
ShT 6	AAC GAG GAG GAG ACG N E E E T Seq ID No. 9 Seq ID No 10	TTC GCG AAC AGC F A N N Seq ID No 11 Seq ID No 12	5/9
ShT 13	AAC GAG CAG GAC ACC N E Q D T Seq ID No 13 Seq ID No 14	TTC ACC CAC AGG F T H R Seq ID No 15 Seq ID No 16	3/9
ShT 15	AAG GAG AAC GAG AGC K E N E S Seq ID No 17 Seq ID No 18	TTC GCG AAC AAC F A N N Seq ID No 19 Seq ID No 12	7/9
ShT 17	AAG GAC GAC GCG AGG K D D A R Seq ID No 20 Seq ID No 21	TTG ACC CAG AGG L T Q R Seq ID No 22 Seq ID No 23	5/9
ShT 19	AAG GAC GAC GAC ACG K D D D T Seq ID No 24 Seq ID No 25	TTG ACC CAG AGG L T Q R Seq ID No 22 Seq ID No 23	3/9

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On page 21, please replace Table 2 with a new table as follows:

Clone	Loop 1		Loop2	
wild-type	N	DDD T	Seq ID No 7	F T N R Seq ID No. 8
ShT 66	N	E E E T	Seq ID No 10	E F T G Seq ID No. 26
ShT 110	N	DD D T	Seq ID No 7	F T K S Seq ID No. 27
ShT 128	T	T D D P	Seq ID No 28	G T R G Seq ID No. 29
ShT 220	N	D D D T	Seq ID No 7	L T N G Seq ID No. 30
ShT 241	N	D D D T	Seq ID No 7	F T K S Seq ID No. 27
ShT 256	N	D D D T	Seq ID No 7	L P N R Seq ID No. 31
ShT 265	N	D D D T	Seq ID No 29	F T N C Seq ID No. 38
ShT 415	K	E D E S	Seq ID No 33	L T K R Seq ID No. 34
ShT 506	N	D D D T	Seq ID No 7	L T K S Seq ID No. 35
ShT 619	Y	D D N P	Seq ID No 36	L T N S Seq ID No. 37
ShT 766	N	D D D T	Seq ID No 7	L T K R Seq ID No. 34
ShT 767	K	K E E P	Seq ID No 38	C A N R Seq ID No. 39
ShT A22	N	D D D T	Seq ID No 7	L T K R Seq ID No. 34
ShT A25	N	D D D T	Seq ID No 7	L T N R Seq ID No. 40

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On page 23, please replace Table 3 with a new table as follows:

Clone	Loop 1	Loop2
wild-type	N D D D T      Seq ID No 7	F T N R      Seq ID No 8
ShT 122	C L L N G      Seq ID No 41	Y Q E P      Seq ID No 42
ShT 126	Q G L Q L      Seq ID No 43	T L T G      Seq ID No 44
ShT 142	T G A T M      Seq ID No 45	P T G I      Seq ID No 46
ShT 241	F R P A G      Seq ID No 47	L R C G      Seq ID No 48
ShT 308	P Y V F L      Seq ID No 49	M V A N      Seq ID No 50
ShT 324	K S M D Q      Seq ID No 51	L S K W      Seq ID No 52
ShT 715	Q G E Y G      Seq ID No 53	I Q E R      Seq ID No 54
ShT 823	M V Q E K      Seq ID No 55	S K K Q      Seq ID No 56
ShT 824	D Y F Q T      Seq ID No 57	R H Y S      Seq ID No 58